ENHANCERS AND USES THEREOF

Applicant(s): Dongmei Xu et al. Filing Date: July 24, 2003

Page _1_ of _9_

Serial No.: Not Yet Known Customer No.: 21559

SEQ ID NO: 1

CCAGAAGGTA ATTATCCAAG ATGTAGCATC AAGAATCCAA TGTTTACGGG AAAAACTATG GAAGTATTAT GTGAGCTCAG CAAGAAGCAG ATCAATATGC GGCACATATG CAACCTATGT TCAAAAATGA AGAATGTACA GATACAAGAT CCTATACTGC CAGAATACGA AGAAGAATAC GTAGAAATTG AAAAAGAAGA ACCAGGCGAA GAAAAGAATC TTGAAGACGT AAGCACTGAC GACAACAATG AAAAGAAGAA GATAAGGTCG GTGATTGTGA AAGAGACATA GAGGACACAT GTAAGGTGGA AAATGTAAGG GCGGAAAGTA ACCTTATCAC AAAGGAATCT TATCCCCCAC TACTTATCCT TTTATATTTT TCCGTGTCAT TTTTGCCCTT GAGTTTTCCT ATATAAGGAA CCAAGTTCGG CATTTGTGAA AACAAGAAAA AATTTGGTGT AAGCTATTTT CTTTGAAGTA CTGAGGATAC AAGTTCAGAG AAATTTGTAA GTTTG

ENHANCERS AND USES THEREOF

Applicant(s): Dongmei Xu et al.

Filing Date: July 24, 2003

Serial No.: Not Yet Known

Page _2_ of _9_

Customer No.: 21559

Fig. 2A

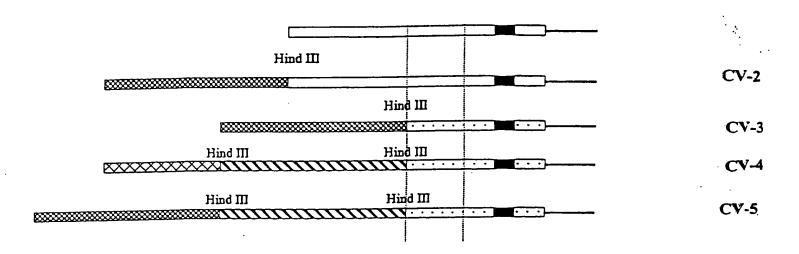
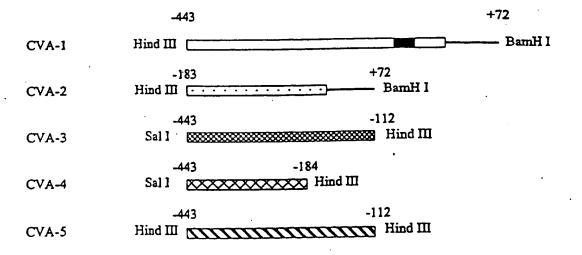


Fig. 2B



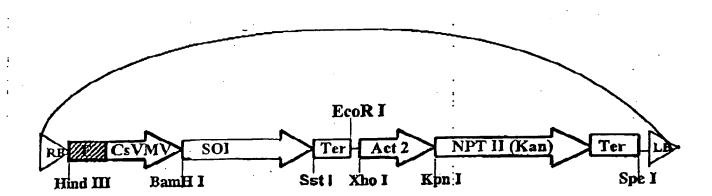
ENHANCERS AND USES THEREOF

Applicant(s): Dongmei Xu et al.

Filing Date: July 24, 2003 Page _3 of _9_ C Serial No.: Not Yet Known

Customer No.: 21559

Fig. 3



ENHANCERS AND USES THEREOF

Applicant(s): Dongmei Xu et al.

Filing Date: July 24, 2003

Serial No.: Not Yet Known Customer No.: 21559

Page _4_ of _9_ Customer No.: 21559

CV-2 (SEQ ID NO: 2)

CCAGAAGGTA	ATTATCCAAG	ATGTAGCATC	AAGAATCCAA	TGTTTACGGG	AAAAACTATG
GAAGTATTAT	GTGAGCTCAG	CAAGAAGCAG	ATCAATATGC	${\tt GGCACATATG}$	CAACCTATGT
TCAAAAATGA	AGAATGTACA	GATACAAGAT	CCTATACTGC	CAGAATACGA	AGAAGAATAC
GTAGAAATTG	AAAAAGAAGA	ACCAGGCGAA	GAAAAGAATC	${\tt TTGAAGACGT}$	AAGCACTGAC
GACAACAATG	AAAAGAAGAA	GATAAGGTCG	GTGATTGTGA	AAGAGACATA	GAGGACACAT
GTAAGGTGGA	AAATGTAAGG	GCGGAAAGTA	ACAAGCTTCC	AGAAGGTAAT	TATCCAAGAT
GTAGCATCAA	GAATCCAATG	TTTACGGGAA	AAACTATGGA	AGTATTATGT	GAGCTCAGCA
AGAAGCAGAT	CAATATGCGG	CACATATGCA	ACCTATGTTC	AAAAATGAAG	AATGTACAGA
TACAAGATCC	TATACTGCCA	GAATACGAAG	AAGAATACGT	AGAAATTGAA	AAAGAAGAAC
CAGGCGAAGA	AAAGAATCTT	GAAGACGTAA	GCACTGACGA	CAACAATGAA	AAGAAGAAGA
TAAGGTCGGT	GATTGTGAAA	GAGACATAGA	GGACACATGT	AAGGTGGAAA	ATGTAAGGGC
GGAAAGTAAC	CTTATCACAA	AGGAATCTTA	TCCCCCACTA	CTTATCCTTT	TATATTTTTC
CGTGTCATTT	TTGCCCTTGA	GTTTTCCTAT	ATAAGGAACC	AAGTTCGGCA	TTTGTGAAAA
CAAGAAAAA	TTTGGTGTAA	GCTATTTTCT	TTGAAGTACT	GAGGATACAA	GTTCAGAGAA
ATTTGTAAGT	TTG				

Fig. 4A

CV-3 (SEQ ID NO: 3)

CCAGAAGGTA	ATTATCCAAG	ATGTAGCATC	AAGAATCCAA	TGTTTACGGG	AAAAACTATG
GAAGTATTAT	GTGAGCTCAG	CAAGAAGCAG	ATCAATATGC	GGCACATATG	CAACCTATGT
TCAAAAATGA	AGAATGTACA	GATACAAGAT	CCTATACTGC	CAGAATACGA	AGAAGAATAC
GTAGAAATTG	AAAAAGAAGA	ACCAGGCGAA	GAAAAGAATC	TTGAAGACGT	AAGCACTGAC
GACAACAATG	AAAAGAAGAA	GATAAGGTCG	GTGATTGTGA	AAGAGACATA	GAGGACACAT
GTAAGGTGGA	AAATGTAAGG	GCGGAAAGTA	AC AAGCTT GA	TAAGGTCGGT	GATTGTGAAA
GAGACATAGA	GGACACATGT	AAGGTGGAAA	ATGTAAGGGC	GGAAAGTAAC	CTTATCACAA
AGGAATCTTA	TCCCCCACTA	CTTATCCTTT	TATATTTTTC	CGTGTCATTT	TTGCCCTTGA
GTTTTCCTAT	ATAAGGAACC	AAGTTCGGCA	TTTGTGAAAA	CAAGAAAAA	TTTGGTGTAA
GCTATTTTCT	TTGAAGTACT	GAGGATACAA	CTTCAGAGAA	ATTTGTAAGT	TTG

ENHANCERS AND USES THEREOF

Applicant(s): Dongmei Xu et al.

Filing Date: July 24, 2003

Serial No.: Not Yet Known

Page _5_ of _9_

Customer No.: 21559

CV-4 (SEQ ID NO: 4)

CCAGAAGGTA	ATTATCCAAG	ATGTAGCATC	AAGAATCCAA	TGTTTACGGG	AAAAACTATG
GAAGTATTAT	GTGAGCTCAG	CAAGAAGCAG	ATCAATATGC	GGCACATATG	CAACCTATGT
TCAAAAATGA	AGAATGTACA	GATACAAGAT	CCTATACTGC	CAGAATACGA	AGAAGAATAC
GTAGAAATTG	AAAAAGAAGA	ACCAGGCGAA	GAAAAGAATC	TTGAAGACGT	AAGCACTGAC
GACAACAATG	AAAAGAAGAA	GCTTCCAGAA	GGTAATTATC	CAAGATGTAG	CATCAAGAAT
CCAATGTTTA	CGGGAAAAAC	TATGGAAGTA	TTATGTGAGC	TCAGCAAGAA	GCAGATCAAT
ATGCGGCACA	TATGCAACCT	ATGTTCAAAA	ATGAAGAATG	TACAGATACA	AGATCCTATA
CTGCCAGAAT	ACGAAGAAGA	ATACGTAGAA	ATTGAAAAAG	AAGAACCAGG	CGAAGAAAAG
AATCTTGAAG				AGAAGATAAG	
GTGAAAGAGA	_	ACATGTAAGG		AAGGGCGGAA	
TTGATAAGGT	CGGTGATTGT	GAAAGAGACA	TAGAGGACAC	ATGTAAGGTG	GAAAATGTAA
GGGCGGAAAG		ACAAAGGAAT	CTTATCCCCC	ACTACTTATC	CTTTTATATT
TTTCCGTGTC	ATTTTTGCCC	TTGAGTTTTC	CTATATAAGG	AACCAAGTTC	GGCATTTGTG
AAAACAAGAA	AAAATTTGGT	GTAAGCTATT	TTCTTTGAAG	TACTGAGGAT	ACAACTTCAG
AGAAATTTGT	AAGTTTG				

Fig. 4C

CV-5 (SEQ ID NO :5)

CCAGAAGGTA	ATTATCCAAG	ATGTAGCATC	AAGAATCCAA	TGTTTACGGG	AAAAACTATG
GAAGTATTAT			ATCAATATGC		
TCAAAAATGA	AGAATGTACA	GATACAAGAT	CCTATACTGC	CAGAATACGA	AGAAGAATAC
GTAGAAATTG	AAAAAGAAGA	ACCAGGCGAA	GAAAAGAATC	TTGAAGACGT	AAGCACTGAC
GACAACAATG			GTGATTGTGA		
GTAAGGTGGA	AAATGTAAGG	GCGGAAAGTA	AC AAGCTT CC	AGAAGGTAAT	TATCCAAGAT
GTAGCATCAA		TTTACGGGAA	AAACTATGGA	AGTATTATGT	GAGCTCAGCA
AGAAGCAGAT		CACATATGCA	ACCTATGTTC	AAAAATGAAG	AATGTACAGA
TACAAGATCC		GAATACGAAG	AAGAATACGT	AGAAATTGAA	AAAGAAGAAC
CAGGCGAAGA		GAAGACGTAA	GCACTGACGA	CAACAATGAA	AAGAAGAAGA
TAAGGTCGGT		GAGACATAGA	GGACACATGT	AAGGTGGAAA	ATGTAAGGGC
GGAAAGTAAC		AGGTCGGTGA	TTGTGAAAGA	GACATAGAGG	ACACATGTAA
GGTGGAAAAT		AAAGTAACCT			CCCCACTACT
TATCCTTTTA		TGTCATTTTT	GCCCTTGAGT	TTTCCTATAT	AAGGAACCAA
GTTCGGCATT	TGTGAAAACA	AGAAAAAATT	TGGTGTAAGC	TATTTTCTTT	GAAGTACTGA
GGATACAACT		TTGTAAGTTT			

ENHANCERS AND USES THEREOF

Applicant(s): Dongmei Xu et al.

Filing Date: July 24, 2003 Page _6_ of _9_

Serial No.: Not Yet Known Customer No.: 21559

CV-6 (SEQ ID NO: 6)

CCAGAAGGTA	ATTATCCAAG	ATGTAGCATC	AAGAATCCAA	TGTTTACGGG	AAAAACTATG
GAAGTATTAT	GTGAGCTCAG	CAAGAAGCAG	ATCAATATGC	GGCACATATG	CAACCTATGT
TCAAAAATGA	AGAATGTACA	GATACAAGAT	CCTATACTGC	CAGAATACGA	AGAAGAATAC
GTAGAAATTG	AAAAAGAAGA	ACCAGGCGAA	GAAAAGAATC	TTGAAGACGT	AAGCACTGAC
GACAACAATG	AAAAGAAGAA	GATAAGGTCG	GTGATTGTGA	AAGAGACATA	GAGGACACAT
GTAAGGTGGA	AAATGTAAGG	GCGGAAAGTA	$AC \textcolor{red}{\mathbf{AAGCTT}} GT$	TACTTTCCGC	CCTTACATTT
TCCACCTTAC	ATGTGTCCTC	TATGTCTCTT	TCACAATCAC	CGACCTTATC	TTCTTCTTTT
CATTGTTGTC	GTCAGTGCTT	ACGTCTTCAA	GATTCTTTTC	TTCGCCTGGT	TCTTCTTTTT
CAATTTCTAC	GTATTCTTCT	TCGTATTCTG	GCAGTATAGG	ATCTTGTATC	TGTACATTCT
TCATTTTTGA	ACATAGGTTG	CATATGTGCC	GCATATTGAT	CTGCTTCTTG	CTGAGCTCAC
ATAATACTTC	CATAGTTTTT	CCCGTAAACA	TTGGATTCTT	GATGCTACAT	CTTGGATAAT
TACCTTCTGG	AAGCTTGATA	${\tt AGGTCGGTGA}$	TTGTGAAAGA	GACATAGAGG	ACACATGTAA
GGTGGAAAAT	GTAAGGGCGG	AAAGTAACCT	TATCACAAAG	GAATCTTATC	CCCCACTACT
TATCCTTTTA	TATTTTTCCG	TGTCATTTTT	GCCCTTGAGT	TTTCCTATAT	AAGGAACCAA
GTTCGGCATT	TGTGAAAACA	AGAAAAAATT	TGGTGTAAGC	TATTTTCTTT	GAAGTACTGA
GGATACAACT	TCAGAGAAAT	TTGTAAGTTT	G		

Fig. 4E

ENHANCERS AND USES THEREOF

Applicant(s): Dongmei Xu et al.

Filing Date: July 24, 2003 Page _7_ of _9_

Serial No.: Not Yet Known Customer No.: 21559

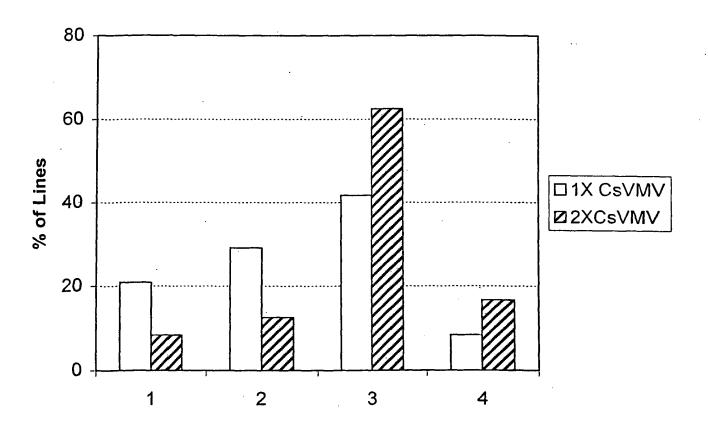


Fig. 5

ENHANCERS AND USES THEREOF

Applicant(s): Dongmei Xu et al.

Filing Date: July 24, 2003

Page _8_ of _9_

Serial No.: Not Yet Known

Customer No.: 21559

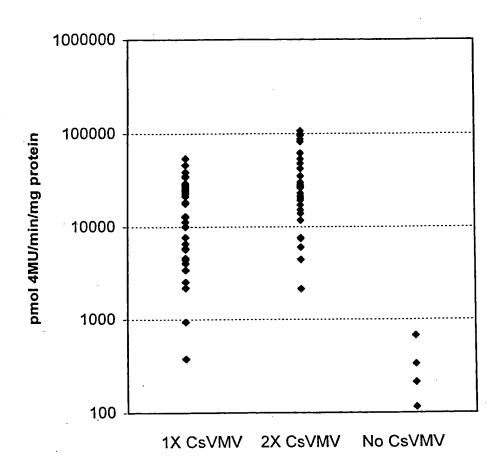


Fig. 6

ENHANCERS AND USES THEREOF

Applicant(s): Dongmei Xu et al.

Filing Date: July 24, 2003

Serial No.: Not Yet Known Customer No.: 21559

Page _9_ of _9_

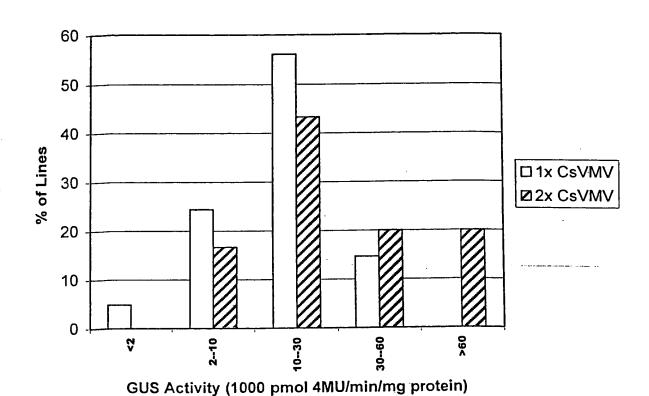


Fig. 7

10.